On Thursday, Dec. 3, the first Marauders Unite event was held in the Student Memorial Center (SMC) Atrium as a step towards making Millersville University (MU) a more culturally engaging and inclusive environment. This event was organized by campus organization leaders with full support from MU administration.

“[Marauders Unite] was more successful than we thought it would be. It was a diverse crowd and all of the speakers did an excellent job as far as what we wanted to accomplish,” said Black Student Union President Sam Brown.

MU is committed to inclusion and helping our students and the community as a whole understand the issues. Marauders Unite will be holding events in coming semesters to keep the conversation going. Be on the lookout for Marauders Unite events this spring 2016.

For photos of the event, please visit the Millersville University Facebook page at https://www.facebook.com/millersvilleu/.
Presenting MU’s Climate Action Plan

This month Millersville University finalized a [Climate Action Plan](#) that provides a framework for achieving carbon neutrality by 2040. The Climate Action Plan includes 10 goals ranging from increasing the energy efficiency of Millersville’s buildings to advancing a culture of sustainability on campus. The Climate Action Plan will be a working document that Millersville updates on an as needed basis to keep pace with advancements in the field and the need to address emerging issues such as resiliency.

“Millersville University understands the scientific consensus that the planet’s climate is warming, and that it is largely due to human releases of carbon dioxide and other greenhouse gases,” explained Dr. Kathleen Schreiber, professor of geography and chairperson of the Climate Action Plan subcommittee. “We are dedicated to reducing our own footprint while educating the next generation of leaders, thinkers and doers on our campus about our changing climate.”

“As we model ways of reducing greenhouse gas emissions from our own operations, we also aim to support and empower the surrounding community,” said Chris Steuer, Millersville’s sustainability manager.

On Nov. 19, 2015, Dr. John Anderson, president of Millersville University participated in the White House launch of the “American Campuses Act on Climate” Pledge Day of Action. The day demonstrated support for strong national action on climate change in the lead up to the climate negotiations that occurred in Paris in December, and strengthened climate change commitments made by colleges and universities across the country.

In 2013, Anderson joined institutions of higher education around the U.S. by signing the Presidents’ Climate Commitment, in which Millersville University committed to take action to create a carbon-neutral campus.

Millersville’s greenhouse gas emissions have been decreasing since the 2005 base year thanks to actions such as:

- Implementing energy-efficiency and conservation measures;
- Providing public transportation for all faculty, staff, and students on campus and to surrounding locations and;
- Converting to less carbon-intensive forms of energy.
Additional actions to reduce our carbon footprint are in the works, such as constructing a net-zero energy building, diverting more waste from the landfill through composting and recycling, and further incorporating sustainable management principles into campus activities.

Millersville’s complete Climate Action Plan can be found on Millersville’s website at: http://www.millersville.edu/sustainability/acupcc.php and it is posted officially to the Second Nature website http://reporting.secondnature.org/cap/1291

A Grant Helps Cebra-Thomas in Unshelling the Truth

Dr. Judith Cebra-Thomas, associate professor of biology at Millersville University (MU), is researching the evolutionary development of turtles with the assistance of a $507,736 research grant from the National Science Foundation (NSF) Division of Integrative Organismal Systems.

“There are two big goals to my research: understanding how cells ‘choose’ between alternate differentiation pathways to become different types of cells and body structures; and how an alteration in that choice has led to macroevolutionary change,” said Cebra-Thomas.

The grant will allow Cebra-Thomas to conduct cutting-edge research including the gene cataloging technique RNAseq and labeling genes with green fluorescent protein. It will also provide equipment for the biology department including a new polymerase chain reaction (PCR) machine and other machinery that will assist with introducing foreign DNA into the turtle embryos.

“The research funded by the grant will help to explain the mechanism by which cells ‘choose’ their developmental fate from a variety of options and provide insight into how this process can be altered to produce a novel structure such as the turtle shell,” said Cebra-Thomas.

Through studying turtles, supplied by a farm in Louisiana, she looks at embryos and the different bones that develop before hatching. From there, she isolates the shell bones and looks at specific cells called neural crest cells (NCC). MU students are assisting with her research and have assisted in dyeing the cells to watch how they travel within the turtle during development to track how the shell is formed.
They found that the NCCs start in the neural tube, or the embryo’s spinal cord and brain, and travel throughout the body.

Cebra-Thomas has been studying turtle evolutionary development for 15 years and was inspired by the work of Dr. Scott Gilbert, a researcher and biology professor emeritus at Swarthmore College. For additional information on Cebra-Thomas’ research please visit her website.

**Students are Screen-printing their way to Success**

Three Millersville University (MU) students are stitching together a future through creating their own clothing line called Arbiton.

Tom Tchistiak, a junior majoring in graphic communication technology, started the company in his dorm room in 2013 and enlisted the help of Andrew Higgins and Kenny Feliz, a sophomore and junior majoring in speech communication with an option in public relations, to help promote and grow the brand.

The main slogan of the brand is the saying “Strive for the Upper Echelon.”

“It means that no matter who you are, you can do whatever you want and be whatever you want to be,” explained Higgins.

They created a line of shirts and hoodies and are working on other multifaceted designs. They also have plans to collaborate with other artists and create new lines including an urban themed series and a line for females.

“We recently got in contact with a hip-hop artist, Michael Waves, and he will be touring from Indianapolis to Lancaster and would like us to be a vendor at his shows, specifically at the Chameleon Club”, said Tchistiak. “He will be wearing our brand on stage and promoting it.”

The design process for the clothing can take months. From there, the designs were being sent to manufacturer in Kansas City, but are now creating more a local manufacturing process through MU graphic communications program. The students use screen-printing and other printing processes used in their classes to create and produce their clothing line. However, production is slowly becoming a challenge as the students are selling more products through their online store, pop-up shops and word of mouth.

They established a pop-up shop during MU Homecoming week and created nearly $600 in sales during that time. They also had a stand outside of Boutique 9 in Millersville and exhibited at
trade shows like the New Jersey Sneaker Expo. Throughout the process, MU faculty have been assisting them grow including Dr. Thomas Boyle, professor & director of Entrepreneurial Leadership Center, Dr. Thomas Bell, professor of applied engineering, safety & technology and Victor Capecce, professor of communication and theatre.

The team will continue to promote and create their clothing line and hope to be introduced into retail stores and throughout the local Lancaster community. Look for their shirts next semester in MU’s Student Memorial Center, at First Friday and the Prince Street Park in Lancaster City.

For more information about Arbiton, please visit www.arbitonstore.com.

How to Stay Healthy this Winter

It’s that time of the year: the will weather be getting cold, the snow will soon be falling and the germs are out in full force. While it’s not entirely possible to avoid illnesses, there are plenty of ways to protect yourself and lessen your chance of becoming sick.

Jaime McCauslin, Millersville University nurse practitioner at Witmer Health Services, recommends the following tips for staying healthy throughout the winter.

1. Get the flu vaccine – it is the best way to prevent the flu. Health Services offers the flu vaccine for free!

2. Get plenty of sleep – at least 7-8 hours a night.


4. Drink plenty of water – before, during and after exercise, with each meal and between meals.

5. Exercise – 30 minutes daily.

6. Wash hands frequently.

7. Limit alcohol intake – drink in moderation.

8. Quit smoking – avoid secondhand smoke.
9. **Keep a “cold pack” handy.** For example, use Tylenol or Ibuprofen (for pain and fever), throat lozenges/cough drops and Sudafed for nasal and sinus congestion. These can help relieve symptoms until you are seen by medical provider.

Witmer Health Services will be open throughout winter break. Appointments can be made by calling 717-871-5250

---

**FieldTurf Coming to Baseball’s Cooper Park**

Thanks to significant donations to the baseball program, the infield playing surface at Millersville University’s Cooper Park will soon be converted from grass to FieldTurf. Groundbreaking on the project is set for August 1, 2016.

The announcement kicks off a campaign to add a turf infield, additional landscaping, fencing and field lights to “The Coop.” An anonymous gift of $100,000 put the campaign well toward its goal of $300,000 and jumpstarted the renovations for a summer start.

“Turfing the infield is the first step toward a larger vision for The Coop,” said director of athletics Miles Gallagher. “Our alumni and program friends are committed to providing the best resources to our baseball program for us to continue competing for championships at a conference, regional, and national level. Not only does the turf infield provide a greater experience for our student-athletes, it provides revenue generating capabilities needed to raise scholarship dollars.”

The addition of the FieldTurf will allow the Marauders to practice and play home games earlier in the season and reduce the cost of field rentals incurred in travel. Installation of lights will also allow the student-athletes to miss fewer classes and offer the program opportunities to host NCAA regional tournaments—an experience it missed as the No. 1 seed in the field in 2013 and 2014.
“An artificial field turf infield is a must for a championship caliber program in the northeast,” said head baseball coach Jon Shehan. “It will change the way we go about our daily business; increasing efficiency of our practices, allowing us to practice when other natural surfaces are not available due to weather, and furthering our opportunity to raise funds for our program. We cannot thank our alumni and fans enough for their generosity. They are greatly increasing the opportunity of our student-athletes to have a once-in-a-lifetime experience at Millersville.”

The design for the infield includes FieldTurf spanning from the dugout entrances to the edge of the infield. The base paths and the home plate batter’s circle will be converted to FieldTurf as well. Only the pitcher’s mound will remain clay.

Contributing to the Cooper Park campaign can be a simple one-time donation of any amount or a recurring monthly gift. Numerous recognition opportunities are also available. For the full list of gift and recognition opportunities, visit the campaign website.

2015 in Review

January:

Millersville Student Wins National Mathematics Award

Millersville University student Nicholas Heil won an Outstanding Presentation Award in the Mathematical Association of America (MAA) Undergraduate Poster Session at the 2015 Joint Mathematics Meetings (JMM) held in San Antonio, Texas from Jan. 9-13.

February:

MU Remembers Karlie Hall

On Sunday, February 8, Millersville University freshman, Karlie Hall, died tragically. Hall was a 2014 graduate of Unionville High School where she enjoyed playing rugby. She was a business and finance major, a member of the school rugby club and gay-straight alliance organization and she volunteered at an animal shelter.

March:

Working During Break

Thirty-six students from Millersville University spent their spring break helping those in need.
April:

**Millersville Fraternity First in Nation to Complete Workshop**

A group of fraternity brothers at Millersville University have a mission to stop sexism, rape and harassment of women. Twenty-two members of the Lambda Chi Alpha fraternity were the first in the nation to participate in a day-long training workshop from the hu-MAN UP Local College Coalition (HULCC).

May:

**Millersville Ice Hockey Makes a Difference**

Millersville’s ice hockey team raised $1,475 for the American Cancer Society in a 3 vs. 3 tournament called the Thomas Duffey Benefit.

June:

**A-Z; Summer at the ‘Ville**

A snapshot of what MU faculty and staff did over the summer, from A-Z.

July:

**Alum Isn’t Spinning His Tires**

John Scargall reached a pinnacle moment in his career when he had two songs featured in the official NASCAR ’15 video. His song, “Leave It On The Track” is used as the main theme in the game.

August:

**Dr. McIlwaine Receives President’s Medallion**

One of the highest honors Millersville University bestows is the President’s Medallion, which recognizes individuals, businesses or organizations who have demonstrated a commitment to the universal values of higher education. Dr. William B. McIlwaine, emeritus professor, received the award at the University’s Convocation in the Winter Center on Aug. 28.

September:

**Community Philanthropists Give $1 Million**
Samuel N. Lombardo and his wife Dena both grew up in Lancaster County and have lived here their entire lives. They want to make a difference where they live and work and to that extent they have graciously given Millersville University of Pennsylvania a $1 million gift to help build a Net Zero Energy building on campus.

October:

A DREAM Grant

Students with intellectual disabilities are already experiencing an inclusive educational program at Millersville University of Pennsylvania (MU). And now, thanks to a multi-million dollar grant from the U.S. Department of Education (US ED), more colleges and universities across the Commonwealth will be able to replicate MU’s program.

November:

Robotics Team – National Champs!

The puzzle pieces fell together and Millersville University’s (MU) Technology, Management and Applied Engineering Student Chapter (Robotics Team) won the national championship at the Associations of Technology, Management and Applied Engineering’s (ATMAE) Robotics Competition.

President Anderson at the White House

On Thursday, Nov. 19, Millersville University (MU) President John Anderson traveled to the White House for the launching of the “American Campuses Act on Climate” Pledge Day of Action.

December:

#WeAreOneMU

On Thursday, Dec. 3, the first Marauders Unite event was held in the Student Memorial Center (SMC) Atrium as a step towards making Millersville University (MU) a more culturally engaging and inclusive environment.
January 14, 2016 Activities

Brian Hazlett, Millersville University vice president for student affairs and enrollment management, has announced the appointment of Miles P. Gallagher ’10/’12M as the University’s new director of athletics following a national search. Gallagher, a Millersville alumnus and Lancaster, Pa. native, has served as the interim director of athletics since August and takes on the permanent position effective immediately.

“Miles has a true passion for Millersville University Athletics,” said Hazlett. “He is committed to preparing our student-athletes for success and providing them with the best possible experience. He can relate to our student-athletes and coaches as he was a successful Marauder student-athlete and coach himself. In his time as an associate director and the interim director, he exhibited outstanding leadership qualities, a willingness to take action and a plan for taking Millersville Athletics to the next level. I am excited to work with Miles and integrate his vision with the University’s Bold Path.”

A graduate of Lancaster’s J.P. McCaskey High School, Gallagher has deep ties to Millersville University. Gallagher played baseball for the Marauders from 2008-10, served as a graduate assistant in the athletic department and assistant baseball coach from 2010-12 and was appointed interim associate director of athletics for compliance in February 2013. He served in that role until the summer of 2015 when he was named the interim director of athletics.

“I would like to thank President John Anderson, Mr. Brian Hazlett and the search committee for the opportunity to serve my alma mater as the director of athletics,” said Gallagher. “I’m truly humbled and excited to begin a new chapter in Marauder Athletics and build upon the outstanding tradition of academic and athletic achievement.”

Gallagher made an immediate impact in his four months as the interim director, overseeing the department that offers 19 varsity sports for more than 400 men and women student-athletes. In addition to his duties as the compliance coordinator, he managed a multi-million dollar departmental budget, executed fundraising initiatives and oversaw facility upgrades and branding initiatives to Pucillo Gymnasium, Chryst Field, Biemesderfer Stadium and Jefferson Hall. He also coordinated the first department-wide community service project by partnering with the Lancaster Recreation League, offering free sport clinics to underprivileged youth in Lancaster City.

“We will pride ourselves on building a championship experience for our student-athletes academically, athletically and in the community,” said Gallagher. “We will develop our student-
athletes for life after athletics while positioning our programs to compete for conference, regional and national championships."

Prior to serving as the interim director, Gallagher was the Student-Athlete Advisory Committee (SAAC) supervisor. During his one year in that role, Gallagher helped the committee increase its donations to Make-A-Wish to $5,000, ranking Millersville near the top of the PSAC in money raised and landing the right to host a “wish reveal” at Millersville in 2016. Also during that time Gallagher assisted in the development and planning of improvements to Pucillo Field.

At Millersville, Gallagher earned a bachelor’s degree in government and political affairs in 2010 and a master’s degree in sport management in 2012. As a baseball player, he was a two-time PSAC Scholar-Athlete. On the diamond, he was a two-time All-PSAC East selection at catcher, posting a career batting average of .298 with 14 home runs and 86 RBIs. He helped the Marauders to a PSAC East Championship in 2008 and was on the coaching staff for the 2011 NCAA Atlantic Region Championship.

Additionally, Gallagher served as the tournament director for the 2013 and 2014 NCAA Division II Atlantic Regional Field Hockey Tournaments, is a PSAC Compliance Taskforce member and the PSAC Women’s Soccer liaison.

Faculty/Staff Activities

**Dr. Kazi Hossain, early, middle and exceptional education,** published an article in the fall 2015 issue of “Multicultural Education” journal. The title of his article was “White Privilege: Perceptions of Pre-Service Teachers.” In addition to discussing the perceptions on White Privilege, it also highlights how these perceptions may impact the classrooms of these future teachers.

**Retired Faculty**


Who Makes Millersville Special
This edition of Who Makes Millersville Special features Dr. Barry Atticks, director of music business and technology.

**Q: Where are you originally from?**
I was born and raised in the Harrisburg/Hershey area.

**Q: What is your educational background?**
Ph.D. in music education and technology from Penn State University, master’s in strategic intelligence and terrorism from American Military University, a master’s in commercial music composition from California State University, Los Angeles and a bachelor’s in business management and piano performance from Elizabethtown College. Also, I studied at Berklee College of Music for two years.

**Q: What is music technology and why is it important today?**
To me, music technology is using technology to create music and it is important today because it allows unlimited creativity to all musicians. The cutting edge technology was only available to a few people in the past, but now is affordable to almost anyone.

**Q: How did you become interested in studying music business and technology?**
I have always been interested in the commercial music world. When I went to college, music business and technology programs did not exist, so I double-majored in traditional business and music performance. When the music technology industry boomed, I went back to school at Berklee College of Music just to study this field and fell in love creating music with technology.

**Q: How many years have you been at Millersville?**
This is my third full-time year; however, I taught a recording class as an adjunct prior.

**Q: What was your experience like being a sound effect editor for Sony and appearing on television shows?**
I worked on shows like “Doctor Quinn, Medicine Woman” and “Chicago Hope.” In between gigs, I appeared on “Power Rangers” and other shows as an actor. These experiences were all unique and beneficial to my career. Well, maybe not the “Power Rangers” gig, since I was one of the queen’s evil henchmen and constantly got beaten up by the Power Rangers! Working with the music on “Chicago Hope” was definitely more exciting than sitting in a dark room by myself all day doing sound effects for Sony.

**Q: What was your experience like going to Norway during your doctorate dissertation?**
It was the first time I had ever been out of the United States. Living in a different culture and seeing the world from an alternate viewpoint changed my life and perspective on many issues. I would not recommend moving there in December like I did. We only had like three hours of sunlight a day and experienced 30 below zero wind chills on New Year’s Eve. However, the 21 hours of sunlight in July was definitely worth it. It is, by far, the most beautiful country I have
ever traveled to. In fact, MU’s music department is sponsoring a trip to Norway next July and we may have some spots available for the MU community!

Q: What do you think your students would be most surprised to know about you?  
I received a contract to work with the FBI and Secret Service. Sorry, the details are classified.

Q: What is your favorite place to travel to?  
The Caribbean. It is the only time I ever relax.

Q: What are your hobbies outside of work?  
I have two teenagers who are involved in many sports and arts activities. So, I have limited time for hobbies, but I am a PIAA high school football official which I love and I am hoping to continue writing my musical next summer.

Q: What type of music do you listen to?  
I listen to everything, but mostly classic rock, 80s, hairbands, electronic space music and some modern country.

Q: Do you play any instruments?  
I have played keyboards since age 4 but I also play the trumpet, French horn, percussion and I sing.

Q: What is your greatest accomplishment?  
I was awarded a Fulbright Scholarship to study in Norway for a year and I am doing what I love for a living.

Q: Other Involvement/Extra Fun Facts  
I am the faculty advisor to Student Senate and the faculty advisor to Marauder Music Productions. I am traveling back to the Dominican Republic in January with 30 music students. I got engaged backstage before a concert, while Kevin Cronin, of my favorite 80s band, REO Speedwagon, serenaded us with the song “Keep on Loving You.”

Q: Is there anything else you want to add?  
I reside in Allentown with my wife Amie and two children, Brendan, 14, and Brynn,